

# SONY®

## BULLETIN

# VIDEO

# CVM1830AS

PAL RECEIVER - MONITOR

18inch - 114degree - Trinitron Plus Colour TV Monitor  
incorporates both PAL and NTSC Videocassette viewing facility

### Features

\* **Monitors picture and sound just recorded** from a colour video camera, VTR, U-matic videocassette recorder or any other video sources incorporating PAL system. In addition, it displays not only colour recordings from PAL VTRs, but both the PAL and modified NTSC colour recording when used with Sony PAL-version U-matic videocassette recorder or player.

\* **Receives TV programmes off the air:** Australian standard VHF colour and monochrome; with built-in UHF facilities.

\* **TV Programmes off the air can be recorded** using a PAL VTR or U-matic colour videocassette recorder.

\* **Accommodates UHF (M)-Type (for video in/out) and 8-pin (for both video and audio in/out) connectors, and audio in/out jacks** for broad versatility of applications. Both connectors can be used at the same time.

\* **Sony's unique Trinitron plus colour system** — one-gun, three-beam structure and Aperture Grille colour selection method — presents a sharper, brighter picture.

\* **Revolutionary 114-degree wide angle deflection picture tube** for further improved colour picture quality with good contrast and high resolution; results in a very compact and slim cabinet; the depth of the set is considerably reduced.

\* **Auto colour and AFT (Automatic Fine Tuning) Switches** always tune in the best colour picture automatically on all channels.

\* **Easy-to-operate rotary switch** for channel selection and power on-off switching, volume and picture controls.

\* **Highly reliable solid-state circuitry** including newly developed GCS (Gate Controlled Switch) semiconductor to reduce power consumption.

\* **Tone control** for desired tonal quality.

\* **Simple and functional styling:** Teak finish.



SIMULATED TV PICTURE

## CVM1830AS

RESEARCH MAKES THE DIFFERENCE

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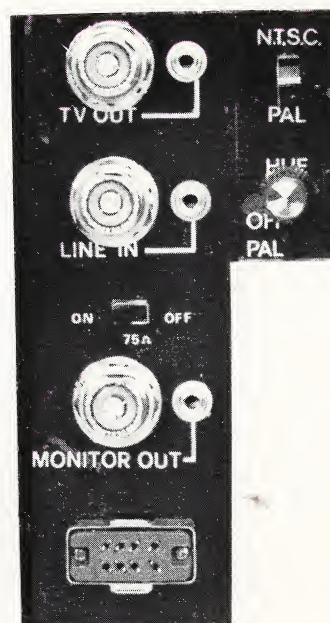
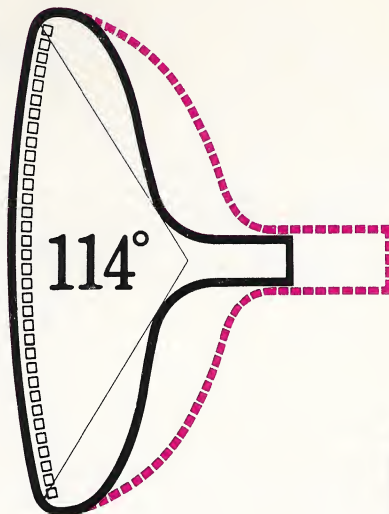
## PAL RECEIVER - MONITOR

### THE NEW SONY TRINITRON PLUS

The SONY Trinitron Plus is yet another major achievement by SONY in the field of colour technology. Research is the keynote at SONY, always seeking the ultimate in perfection. Having developed the best colour system in the Trinitron, SONY have since added new features and improved the existing colour system to give you the ultimate in picture quality.

The new super-refined phosphor materials used, significantly improved light emission, the guard grille is now made up of carbon stripes (which are non-reflective) that alternate with the phosphor stripes, thus eliminating colour spill, heighten contrast and absorb ambient light which, in turn, made possible the wider grille arrangement, to permit a greater flow of electron beams on to the phosphor screen for greater saturation, brilliance and intensity.

The 114 degree picture tube has excellent depth focus, even at high deflection angles, slimmer line cabinet, plus all the other conventional Trinitron features, which add up to a measurable difference between SONY Trinitron Colour T.V. monitors and the latest conventional brands on the market.



#### GENERAL SPECIFICATIONS

Television system: Australian TV standards

Colour system: Full PAL-D

Channel coverage: VHF channels 0-11  
UHF channels 28-34, 39-63

Picture tube: 44 cm Trinitron tube  
(screen measured diagonally)  
114 degree deflection angle

Aerial: 300 ohm Aerial Terminal for VHF/UHF  
75 ohm Aerial Terminal for VHF

Intermediate frequency: 36.875 MHz (picture carrier)

Speaker: 10 cm dia.

Power requirements: 240V AC, 50Hz

Power consumption: 110W

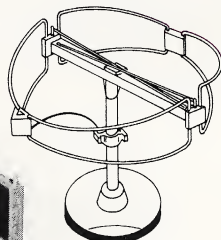
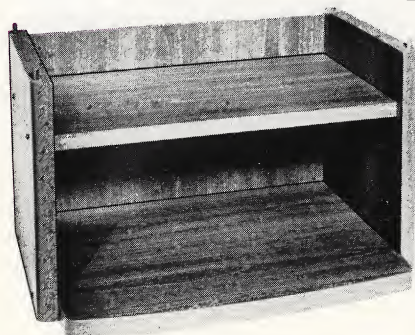
Dimensions: 651x480x374 mm (W/H/D)

Weight: Approx. 30 kg

Supplied accessory: Earphone

Optional accessory: VHF Loopic Aerial AN22-J2  
SU 37AS Stand

SU 37AS



AN 22-J2

#### INPUT/OUTPUT SPECIFICATIONS

Mode		Signal	Connector	Signal level	Impedance	Remarks
IN	MONITOR	VIDEO	8-pin (pins 2 & 6)	1.0Vp-p	75 ohms	PAL, NTSC (modified) sync. neg.
	*LINE	VIDEO	UHF coaxial connector	1.0Vp-p	75 ohms	PAL, NTSC (modified) sync. neg.
OUT	TV	VIDEO	UHF coaxial connector	1.0Vp-p	75 ohms	PAL, NTSC (modified) sync. neg.
	VTR	VIDEO	8-pin (pins 3 & 4)	1.0Vp-p	75 ohms	PAL sync. neg.
	MONITOR	VIDEO	UHF coaxial connector	1.0Vp-p	75 ohms	PAL, NTSC (modified) sync. neg.
IN	VTR	AUDIO	8-pin (pins 1 & 5)	0 dB	high imp.	
	LINE	AUDIO	Mini jack	0 dB	high imp.	
OUT	TV	AUDIO	Mini jack	0 dB	2 k ohms	
	VTR	AUDIO	8-pin (pins 7 & 8)	-20 dB	2 k ohms	
	MONITOR	AUDIO	Mini jack	0 dB	2 k ohms	

Design and specifications subject to change without notice